ABSTRACT OF THE DISCLOSURE

A pink light emitting diode comprises a blue LED chip and mixed fluorescent powder material that includes a yellow fluorescent powder and a red fluorescent powder, wherein the yellow fluorescent powder which absorbs a part of blue light emitted by the blue LED chip and emits a yellow light, the red fluorescent powder which absorbs a part of blue light emitted by the blue LED chip and emits red light, to mix the blue light, yellow light, and red light may produce pink light emitting diode.

ARGUMENTS

1. Claims 1,24,and 5 are rejected under 35 USC §102(e), Claim 3 is rejected under 35 USC §103(a), as being unpatentable Sakano (US2003/0080341) in view of Phosphor handbook.

Response:

1. Regarding the specification, Application has corrected the errors found in the specification.
2. Regarding claims objections and rejections, Application has submitted the arguments as following.

Applicant thinks that it is true that Sakano et al and the Phosphor handbook do not disclose that a pink light emitting diode has a blue LED light and mixed fluorescent powder material that includes a yellow fluorescent powder material and a red fluorescent powder, wherein the yellow fluorescent powder material which absorbs a part of blue light emitted by the blue LED chip and emits a yellow light, the red fluorescent powder material which absorbs a part of blue light emitted by the blue LED chip and emits red light, to mix the blue light, yellow light, and red light to produce pink light emitting diode.

According to the examiner's opinion, please refer to the 341,patent, which is shown GaN-base LED that emits in the range of 400-530 nm or more preferably 420-490 nm or even more preferably from 450-475 nm. The chip is encapsulated with a resin that includes a YAG: Ce-base fluorescent powder that emits at around 580-700 nm(yellow)(e.g., 〔0127〕. Additional fluorescent powder that emits red